

**ORION Environmental Services**

34004 9th Avenue South, A-5, Federal Way, Washington 98003  
 Phone (253) 874-1881 or (253) 952-8717; Fax (253) 927-4714

**Industrial Hygiene Air Monitoring Worksheet**  
**Asbestos Air Sampling (NIOSH Method 7400A)**

Project Name: PHASE III 5th FLOOR RENOVATION

Project Number: \_\_\_\_\_

Project Location: 930 TACOMA AVE

Client: PCF

TACOMA, WA

Supervisor FRED HOGAN

Sample By: D RAUSCHENBERG

Date: 1/29/10

Page \_\_\_\_\_ of \_\_\_\_\_

Sample ID: <u>05-139</u>	Observations: <u>INSIDE REGULATED AREA - HOLDING CELL. GRID LINE J &amp; K - REMOVING WINDOW CALKING &amp; HVAC INSULATION</u>	<input checked="" type="checkbox"/> PCM
Sample Type: <u>I CL</u>	Worker: _____	<input type="checkbox"/> TEM NIOSH
Protection: <u>NA</u>	Start: <u>5:15</u> Start Flow: <u>4.0</u>	LOD: <u>0.003</u> f/cc
Decon: <u>↓</u>	Stop: <u>9:15</u> Stop Flow: <u>4.0</u>	Fiber: <u>16</u>
Environment: <u>↓</u>	Minutes: <u>240</u> Average: <u>4.0</u>	Field: <u>100</u>
Pump: <u>05-206</u>	Volume: <u>960</u> L	f/cc: <u>0.008</u>
Rotometer: <u>05-03</u>		TWA: _____ f/cc

Sample ID: <u>05-140</u>	Observations: <u>OUTSIDE REGULATED AREA 5th FLOOR COURT ROOM 533</u>	<input checked="" type="checkbox"/> PCM
Sample Type: <u>O</u>	Worker: _____	<input type="checkbox"/> TEM NIOSH
Protection: <u>NA</u>	Start: <u>7:00</u> Start Flow: <u>3.4</u>	LOD: <u>0.003</u> f/cc
Decon: <u>↓</u>	Stop: <u>12:30</u> Stop Flow: <u>3.4</u>	Fiber: <u>10</u>
Environment: <u>↓</u>	Minutes: <u>330</u> Average: <u>3.4</u>	Field: <u>100</u>
Pump: <u>05-27</u>	Volume: <u>1122</u> L	f/cc: <u>0.004</u>
Rotometer: <u>05-03</u>		TWA: _____ f/cc

Sample ID: <u>05-141</u>	Observations: <u>OUTSIDE REGULATED AREA 6th FLOOR HALL LOOK @ RM 616 ABOVE WORK AREA</u>	<input checked="" type="checkbox"/> PCM
Sample Type: <u>O</u>	Worker: _____	<input type="checkbox"/> TEM NIOSH
Protection: <u>NA</u>	Start: <u>7:05</u> Start Flow: <u>3.4</u>	LOD: <u>0.003</u> f/cc
Decon: <u>↓</u>	Stop: <u>12:35</u> Stop Flow: <u>3.4</u>	Fiber: <u>4</u>
Environment: <u>↓</u>	Minutes: <u>330</u> Average: <u>3.4</u>	Field: <u>100</u>
Pump: <u>05-86</u>	Volume: <u>1122</u> L	f/cc: <u>&lt;0.003</u>
Rotometer: _____		TWA: _____ f/cc

Sample ID: <u>05-142</u>	Observations: <u>OUTSIDE REGULATED WORK AREA 4th floor BELOW WORK AREA STAIRWELL.</u>	<input type="checkbox"/> PCM
Sample Type: <u>O</u>	Worker: _____	<input type="checkbox"/> TEM NIOSH
Protection: <u>NA</u>	Start: <u>7:10</u> Start Flow: <u>3.4</u>	LOD: <u>0.003</u> f/cc
Decon: <u>↓</u>	Stop: <u>12:40</u> Stop Flow: <u>3.4</u>	Fiber: <u>8</u>
Environment: <u>↓</u>	Minutes: <u>330</u> Average: <u>3.4</u>	Field: <u>100</u>
Pump: <u>05-89</u>	Volume: <u>1122</u> L	f/cc: <u>0.003</u>
Rotometer: <u>05-03</u>		TWA: _____ f/cc

**Sample Types**

**Control Measures**

**Turnaround**

Personal CL Clearance  
 Excursion H Hepa  
 Ceiling FBL Field Blank  
 Inside Area SBL Sealed Blank  
 Outside Area Pre Preliminary

**Respiratory Protection**  
 M Half Face APR  
 F Full Face APR  
 PAPR Powered APR  
 CF Continuous Flow  
 PD Pressure Demand

**Decontamination**  
 D Decon w/o Shower  
 DS Decon w/ Shower  
 DBS Double Suite  
 LDS Local Decon Station

**Environment**  
 G Glovebag  
 M Mini Enclosure  
 F Full Enclosure  
 ME Modified Encl.  
 R Regulated Area  
 NE No Enclosure

Now  
 24 Hour  
 3 Day  
 5 Day  
 7 Day  
 14 Day

Analyzed by: DGR

Date: 1-29-10

Unfinished By (Print)	Date	Received By (Print)	Date
Finished By (Signature)	Time	Received By (Signature)	Time
Reviewed By (Print)	Date	Reviewed By (Print)	Date
Reviewed By (Signature)	Time	Reviewed By (Signature)	Time

**Industrial Hygiene Air Monitoring Continuation Worksheet**  
Asbestos Air Sampling (NIOSH Method 7400A)

Page      of     

Project Name: **PHASE III 5th FLOOR RENOVATION**

Project Number:                     

Sample ID: <b>B5-143</b>	Observations: <b>BLANK</b>	Date: <u>                    </u>	<input type="checkbox"/> PCM
Sample Type: <b>BLK</b>			<input type="checkbox"/> TEM NIOSH
Protection: <u>                    </u>			LOD <u>                    </u> f/cc
Decon: <u>                    </u>	Worker: <u>                    </u>	SSN or Cert: <u>                    </u>	Fiber: <b>0</b>
Environment: <u>                    </u>	Start: <u>    </u> : <u>    </u>	Start Flow: <u>    </u> .	Field: <b>100</b>
Pump: <u>                    </u>	Stop: <u>    </u> : <u>    </u>	Stop Flow: <u>    </u> .	f/cc: <u>                    </u>
Rotometer: <u>                    </u>	Minutes: <u>                    </u>	Average: <u>                    </u> L	TWA: <u>                    </u> f/cc

Sample ID: <u>                    </u>	Observations: <u>                    </u>	Date: <u>                    </u>	<input type="checkbox"/> PCM
Sample Type: <u>                    </u>			<input type="checkbox"/> TEM NIOSH
Protection: <u>                    </u>			LOD <u>                    </u> f/cc
Decon: <u>                    </u>	Worker: <u>                    </u>	SSN or Cert: <u>                    </u>	Fiber: <u>                    </u>
Environment: <u>                    </u>	Start: <u>    </u> : <u>    </u>	Start Flow: <u>    </u> .	Field: <u>                    </u>
Pump: <u>                    </u>	Stop: <u>    </u> : <u>    </u>	Stop Flow: <u>    </u> .	f/cc: <u>                    </u>
Rotometer: <u>                    </u>	Minutes: <u>                    </u>	Average: <u>                    </u> L	TWA: <u>                    </u> f/cc

Sample ID: <u>                    </u>	Observations: <u>                    </u>	Date: <u>                    </u>	<input type="checkbox"/> PCM
Sample Type: <u>                    </u>			<input type="checkbox"/> TEM NIOSH
Protection: <u>                    </u>			LOD <u>                    </u> f/cc
Decon: <u>                    </u>	Worker: <u>                    </u>	SSN or Cert: <u>                    </u>	Fiber: <u>                    </u>
Environment: <u>                    </u>	Start: <u>    </u> : <u>    </u>	Start Flow: <u>    </u> .	Field: <u>                    </u>
Pump: <u>                    </u>	Stop: <u>    </u> : <u>    </u>	Stop Flow: <u>    </u> .	f/cc: <u>                    </u>
Rotometer: <u>                    </u>	Minutes: <u>                    </u>	Average: <u>                    </u> L	TWA: <u>                    </u> f/cc

Sample ID: <u>                    </u>	Observations: <u>                    </u>	Date: <u>                    </u>	<input type="checkbox"/> PCM
Sample Type: <u>                    </u>			<input type="checkbox"/> TEM NIOSH
Protection: <u>                    </u>			LOD <u>                    </u> f/cc
Decon: <u>                    </u>	Worker: <u>                    </u>	SSN or Cert: <u>                    </u>	Fiber: <u>                    </u>
Environment: <u>                    </u>	Start: <u>    </u> : <u>    </u>	Start Flow: <u>    </u> .	Field: <u>                    </u>
Pump: <u>                    </u>	Stop: <u>    </u> : <u>    </u>	Stop Flow: <u>    </u> .	f/cc: <u>                    </u>
Rotometer: <u>                    </u>	Minutes: <u>                    </u>	Average: <u>                    </u> L	TWA: <u>                    </u> f/cc

Sample ID: <u>                    </u>	Observations: <u>                    </u>	Date: <u>                    </u>	<input type="checkbox"/> PCM
Sample Type: <u>                    </u>			<input type="checkbox"/> TEM NIOSH
Protection: <u>                    </u>			LOD <u>                    </u> f/cc
Decon: <u>                    </u>	Worker: <u>                    </u>	SSN or Cert: <u>                    </u>	Fiber: <u>                    </u>
Environment: <u>                    </u>	Start: <u>    </u> : <u>    </u>	Start Flow: <u>    </u> .	Field: <u>                    </u>
Pump: <u>                    </u>	Stop: <u>    </u> : <u>    </u>	Stop Flow: <u>    </u> .	f/cc: <u>                    </u>
Rotometer: <u>                    </u>	Minutes: <u>                    </u>	Average: <u>                    </u> L	TWA: <u>                    </u> f/cc

Analysed by: **PCR** Date: **1-29-10**

Relinquished By (Print)	Date	Received By (Print)	Date
Relinquished By (Signature)	Time	Received By (Signature)	Time
Analyzed By (Print)	Date	Reviewed By (Print)	Date
Analyzed By (Signature)	Time	Reviewed By (Signature)	Time